

Claims

1. (Presently Amended) A solid-state image pickup device comprising:
a circuit board having an opening;
a sensor package, disposed at one surface of the circuit board
so that a light-receiving surface of a solid-state image pickup element
opposes the opening;

a seal adhered to the sensor package for sealing in the solid-
state image pickup element; and

an optical unit disposed at the other surface of the circuit board
so that incident light is focused on the light-receiving surface.

2. (Original) A solid-state image pickup device according to Claim 1,
wherein the sensor package includes a signal processing circuit for processing a
signal of the solid-state image pickup element.

3. (Original) A solid-state image pickup device according to Claim 1,
wherein the solid-state image pickup element has a signal processing function.

4. (Original) A solid-state image pickup device according to Claim 1,
wherein the circuit board is connected to an external device without a connector.

5. (Original) A method of producing a solid-state image pickup device
comprising the steps of:

providing a circuit board with an opening;
joining a sensor package, in which a solid-state image pickup
element has been previously sealed, to one surface of the circuit board so
that a light-receiving surface of the solid-state image pickup element opposes
the opening; and

disposing and joining an optical unit at and to the other surface
of the circuit board so that incident light is focused on the light-receiving
surface.

6. (Original) A method of producing a solid-state image pickup device
according to Claim 5, wherein the sensor package includes a signal processing
circuit for processing a signal of the solid-state image pickup element.

7. (Original) A method of producing a solid-state image pickup device
according to Claim 5, wherein the solid-state image pickup element has a signal
processing function.

8. (Original) A method of producing a solid-state image pickup device
according to Claim 5, wherein the circuit board is connected to an external device
without a connector.

9. (New) A solid-state image pickup device according to Claim 1, wherein the seal is a glass seal.